



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D205-634-041
Job Sheet 201226



Part No: D205-634-041

Job Qty: 1 pcs

Part Name: Replacement Skidtube with Standard Wearplates Fits LH or RH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/27/19

Job Tracking No:

Due Date: 10/28/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG D2580 REV H SHEETS 1,2,3,8 IPP Rev:N 02.08.28 FP was QC5 in Step 27; Added QC5 to Step 30 KJ IPP Rev P 10.02.19 per PAR09-043 EC verified by:DD IPP Rev. O 06.02.28 Added paperwork EC IPP Rev:P 07-07-09 SS Wearplates & Gaskets JLM IPP Rev:Q 10.12.01 as per chg003 DD ver:EC IPP REV:R 12.01.23 AS PER ECN11-684 VERF:EC IPP REV:S 17.12.08 REMOVE GASKET AS PER INTUITIVE INFO DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Skidtubes - Bend - 1	1 pcs		10/28/19	0.00	0.65	Skidtubes - Bend		MAG
120	Skidtubes - 2 - B4B	1 pcs		10/28/19	0.00	2.89	Skidtubes - 1 - B4B		
							Skidtubes - 2 - B4B		
							Skidtubes - 3 - B4B		MAG
							Skidtubes - 4 - B4B		
							Skidtubes - 5 - B4B		
							Skidtubes - 6 - B4B		
							Skidtubes - 7 - B4B		
130	QC 5	1 pcs		10/28/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		BE
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		



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1270 Aberdeen Street
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CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S228038



Part: D205-634-041

Job No: 201226

Serial No/Batch: S228038

Revision: H

Inspector:

Exp Date:

Instructions: TC STC SH96-88 Issue 3, FAA STC SR00563

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140 Skidtubes - 3 - B4B	1 pcs	10/28/19	0.00 3.00	Skidtubes - 1 - B4B	DD
				Skidtubes - 2 - B4B	
				Skidtubes - 3 - B4B	
				Skidtubes - 4 - B4B	
				Skidtubes - 5 - B4B	BE
				Skidtubes - 6 - B4B	
				Skidtubes - 7 - B4B	
150 QC 10	1 pcs	10/28/19	0.00 0.00	QC 10 - 10	
				QC 10 - 18	
				QC 10 - 24	
				QC 10 - 43	
				QC 10 - 50	
				QC 10 - 58	
				QC 10 - 9	
				QC 5 - 10	
160 QC 5	1 pcs	10/28/19	0.00 0.00	QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
				QC 5 - 61	
				QC 5 - 81	
170 Handfinish - 1-1 Chemical-B4B	1 pcs	10/28/19	0.00 1.31	Handfinish - 1 - 1 - B4B	BEB19-11-19
				Handfinish - 1 - 2 - B4B	
				Handfinish - 1 - 3 - B4B	
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 -	

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						B4B	
						Handfinish - 1 - 16 - B4B	
						Handfinish - 1 - 17 - B4B	
						Handfinish - 1 - 18 - B4B	
						Handfinish - 1 - 19 - B4B	
						Handfinish - 1 - 20 - B4B	
						Handfinish - 1 - 21 - B4B	
						Handfinish - 1 - 22 - B4B	
180	Powdercoat - 1 White GI(A)-B4B	1 pcs	10/28/19	0.00	0.34	Powdercoat - 1 - B4B	
						Powdercoat - 2 - B4B	
						Powdercoat - 3 - B4B	BL 19-11-21
						Powdercoat - 4 - B4B	
190	QC 3	1 pcs	10/28/19	0.00	0.00	QC 3 - 10	
						QC 3 - 13	
						QC 3 - 15	HL 19-11-22
						QC 3 - 17	
						QC 3 - 18	
						QC 3 - 2	
						QC 3 - 28	
						QC 3 - 3	
						QC 3 - 30	
						QC 3 - 34	
						QC 3 - 36	
						QC 3 - 41	
						QC 3 - 51	
						QC 3 - 58	
						QC 3 - 59	
						QC 3 - 68	
						QC 3 - 9	
						QC 3 - 40	
						QC 3 - 19	
						QC 3 - 43	
						QC 3 - 24	
						QC 3 - 61	
						QC 3 - 81	
200	Handfinish - 4-1-Assembly-B4B	1 pcs	10/28/19	0.00	1.00	Handfinish - 4 - 1 - B4B	HL 19-11-22
						Handfinish - 4 - 10 - B4B	
						Handfinish - 4 - 11 - B4B	
						Handfinish - 4 - 12 - B4B	
						Handfinish - 4 - 13 - B4B	
						Handfinish - 4 - 14 - B4B	
						Handfinish - 4 - 15 - B4B	
						Handfinish - 4 - 2 - B4B	
						Handfinish - 4 - 3 - B4B	
						Handfinish - 4 - 4 - B4B	

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210 QC 5	1 pcs	10/28/19	0.00 0.00	Handfinish - 4 - 5 - B4B	
				Handfinish - 4 - 6 - B4B	
				Handfinish - 4 - 7 - B4B	
				Handfinish - 4 - 8 - B4B	
				Handfinish - 4 - 9 - B4B	
				QC 5 - 10	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
				QC 5 - 61	
				QC 5 - 81	
220 Packaging 3-1 - Stock - B4B	1 pcs	10/28/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	

DAS
NOV 25 2019 68
9-89

				Packaging 3 - 32 - B4B	DAS
				Packaging 3 - 33 - B4B	21
				Packaging 3 - 34 - B4B	21
				Packaging 3 - 35 - B4B	NOV 29 2019
				Packaging 3 - 36 - B4B	DAS
225 DC - 1 - B4B	1	10/28/19	0.00 0.00	DC - 1 - B4B	21
	pcs			DC - 2 - B4B	21 NOV 29 2019
230 QC 21 - FG	1	10/28/19	0.00 0.00	QC 21 - FG - 21	DAS
	pcs			QC 21 - FG - 70	21 NOV 29 2019
				QC 21 - FG - 53	21

Part Op 110 - Skid tubes - 1-Bend as per program D2580.C on CNC Bender and Folio 16 2-Cut tubes as per Dwg. D2580 3- scribe Descriptions: batch# in aft end of tube

120 - Skid tubes - 1- Deburr ends and remove bending marks 2- Prepare tube for welding as per QSI 004

130 - QC5- Inspect part completeness to step on W/O

140 - Skid tubes 1-Weld step D2576 as per Dwg. D2580 and QSI 004 2-Grind welds on step as per Dwg D2580 3- Insert D4202-1 spacer, swage as per QSI002 and trim/ grind flush per QSI002 and dwg. Hold x-bolt with DT9701 Use tube expander 1/2 x17G to start expansion and finish with 1/2 x 18G to achieve dwg dimension. 4-Drill holes for wearplates using DT 8217 & DT8937, 7.40" from most fwd saddle holes (ref only) Open holes to 19/64", adjust stopper not to hit web. Deburr 5-Drill pilot holes for aft cap using DT 8215 Open holes to 0.208". Deburr 6-Drill pilot holes for Tow ring using DT8091, open to .640" and Deburr

150 - QC10- Inspect visual per QSI004- ground welds

160 - QC5- Inspect part completeness to step on W/O

170 - Chemical Conversion Coat per QSI005 4.1 - Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch and leave fwd cap out of solution.

180 - White Gloss (Ref: 4.3.5.1) per QSI005 4.3-Alum START TIME: 1:00 OVEN TEMPERATURE: 300°

FINISH TIME: 1:30 m 21/88.

190 - QC3- Inspect Part Finish

200 - Assemble as per dwg - 1-Install inserts & wearplates as per Dwg. D2580. Use a drop of Sikaflex on insert holes before installing wearplates A/R Sikaflex-291 52062. Sikaflex expire date: 7-2-2 2-Coat D2594-3 O' rings with Petroleum Jelly and install on D2594-1 plugs as per Dwg D2580 3-Inspect for foreign object per QSI 024 4-Install 2855 Aft Cap as per Dwg D2580 and seal Fwd Step & Aft Cap with Sikaflex. Clean excess adhesive A/R Sikaflex-291 52062. Sikaflex expire date: 7-2-2 5-Wing Walk as per Dwg D2580 and QSI 005 4.4 Batch: 5224692

210 - QC5- Inspect part completeness to step on W/O - Inspect Aft Cap, Fwd Step and Wing Walk of work to Current Step Inspect for Foreign objects per QSI 024

220 - Identify and pack for shipping as per PPPD205-634-041 Location: _____ PPP Rev: _____

225 - Document Control - Photocopy D205-634 bluefile & type labels per PPP D205-634-041 CHG006

230 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2580-1	205 Bent Tube	1 pcs (1 ea)	110-Skid tubes - Bend - 1	5214188
D2576-3	Step (Machining Detail)	1 pcs (1 ea)	140-Skid tubes - 3 - B4B	5177095
D4202-1	Spacer	20 pcs (20 ea)	140-Skid tubes - 3 - B4B	5184047
ALS7-1032-130	Rivnut	50 Ea (50 ea)	200-Handfinish - 4-1-Assembly-B4B	5709191
AN3-5A	Bolt	2 Ea (2 ea)	200-Handfinish - 4-1-Assembly-B4B	5216382
AN3C4A	Bolt 9228601 (12)	50 Ea (50 ea)	200-Handfinish - 4-1-Assembly-B4B	5217813 (38)
D2594-1	Plug	16 pcs (16 ea)	200-Handfinish - 4-1-Assembly-B4B	5279062
D2594-3	O-Ring	16 pcs (16 ea)	200-Handfinish - 4-1-Assembly-B4B	5045947
D2855	Cap	1 pcs (1 ea)	200-Handfinish - 4-1-Assembly-B4B	5191521
D3564-11	Wearplate Aft	1 pcs (1 ea)	200-Handfinish - 4-1-Assembly-B4B	* 5196397
D3564-13	Wearpad Fwd	1 pcs (1 ea)	200-Handfinish - 4-1-Assembly-B4B	5207800
D3564-5	Wearplate Center	1 pcs (1 ea)	200-Handfinish - 4-1-Assembly-B4B	5208625
D3564-9	Wearplate Fwd	1 pcs (1 ea)	200-Handfinish - 4-1-Assembly-B4B	5209909
NAS1149C0332R	Washer (AN960C10L)	50 Ea (50 ea)	200-Handfinish - 4-1-Assembly-B4B	5225629
NAS1149D0332J	Washer	2 Ea (2 ea)	200-Handfinish - 4-1-Assembly-B4B	5178379

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Skidtubes - Bend - 1	D2580-1	1	11	0
140-Skidtubes - 3 - B4B	D2576-3	1	70	0
	D4202-1	20	700	0
200-Handfinish - 4-1-Assembly-B4B	ALS7-1032-130	50	1,502	0
	AN3-5A	2	272	0
	AN3C4A	50	484	0
	D2594-1	16	59	0
	D2594-3	16	466	0
	D2855	1	78	0
	D3564-11	1	9	0
	D3564-13	1	26	0
	D3564-5	1	19	0
	D3564-9	1	18	0
	NAS1149C0332R	50	2,501	0
	NAS1149D0332J	2	1,766	0
Part Specifications				
Specifications could not be found.				

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ITEM	QTY -345	QTY -448	QTY -447	QTY -448	PART NUMBER	DESCRIPTION
1	X				D2680-041	SKIDTUBE ASSEMBLY
2		X			D2680-045	SKIDTUBE ASSEMBLY
3			X		D2680-047	SKIDTUBE ASSEMBLY
4				X	D2680-048	SKIDTUBE ASSEMBLY
20	1	1	1	1	D2680-100	EXTRUSION
21			10	10	D2670	BUSHING
22	1	1	1	1	D2670-3	STEP
23		4			D2670	SPACER
24	10	10	8	8	D2684-1	PLUG
25	16	16	8	8	D2684-3	O-RING
26	1	1	1	1	D2680	200 WEB
27	1	1	1	1	D2685	AFT CAP
28	1	1			D2684-5	WEARSHOE
29	1	1			D2684-9	WEARSHOE
30	1	1			D2684-11	WEARSHOE
31	1	1			D2684-13	WEARSHOE
32	20	20	24	24	D4025-1	SPACER
33			1	1	D4008-041	WEARPLATE ASSEMBLY
34			1	1	D4008-046	WEARPLATE ASSEMBLY
35					D2681-1	PHD WEARPLATE
36			1	1	D2681-3	AFT WEARPLATE
50	50	50			AL37-1032-130 or AK97-1032-130 or AL34-1032-130 or AL59-1032-130	INSERT
51	50	50			ANSCA	BOLT
52	2	2	2	2	AN3-5A	BOLT
53			8	8	AN4-5A	BOLT
54	50	50			NA81140C0332R	WASHER (AN800210L)
55	2	2	2	2	NA81140C0332J	WASHER (AN800210L)
56			8	8	IN21042-4	NUT (OR IN21042L4)

GENERAL NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION PER DART Q81 008 4.1 PRIOR TO INSERTING D2680 WEB
POWDER COAT (J411047-049) GLOSS WHITE (REF 4.3.5.1) PER DART Q81 008 4.3
POWDER COAT (J411047-049) GREEN SANDTEX (REF 4.3.5.2) PER DART Q81 008 4.3
BLACK ANTI-SEED PAINT AS INDICATED PER DART Q81 008 4.4.
TOLERANCES ARE PER DART Q81 008 4.4 UNLESS OTHERWISE NOTED.
- 3) TOLERANCES ARE PER DART Q81 008 4.4 UNLESS OTHERWISE NOTED.
- 4) LIMITS: RADIUS UNLESS OTHERWISE NOTED.
- 5) BREAK SHARP EDGES: 0.06 TO 0.10 MAX.
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D2680-041 = 33.7 lbs
D2680-045 = 33.7 lbs
D2680-047 = 45.1 lbs
D2680-048 = 52.0 lbs
WELDING PER DART Q81 004.
- 8) INSERT D2680 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO
OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART Q81 018 BEFORE
BENDING. ENSURE HOLES LINE-UP.
- 9) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND
ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS
ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 10) USE DART DRILL TEMPLATE DTR217 & DTR267 ONLY FOR D2680-041-045 TO LOCATE AND DRILL
Ø0.397 HOLES FOR WEARSHOE INSERTS. INSTALL AL57-1032-130 PER SECTIONS B-3 AND F-7 (Ø
PLACES) AFTER FINISH. INSTALL ANSCA BOLTS AND NA81140C0332R WASHERS WITH
SIKAFLEX-241-291.
- 11) INSERT D2684-1 PLUG C/W D2684-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER
FINISH (18 PLACES FOR D2680-041-045 AND 8 PLACES FOR D2680-047-049)
- 12) IT IS ACCEPTABLE TO GRIND A RELIEF IN THE D2680 AFT CAP TO PREVENT INTERFERENCE WITH
THE SPACER AT THIS LOCATION

REV.	DESCRIPTION	BY	DATE
H	SHEET: PL DELETE D2680-11-0413 GASKETS, WEIGHTS UPDATED ACCORDINGLY. SHEETS 2 & 4 PICTORIAL UPDATE FOR REMOVAL OF GASKETS	SAD	17.06.09
G	ADDED -048 -047 WEIGHT UPDATED PER DSI 0880	AJS	14.04.09
F	INCORPORATE DED D2680-E-1 PER PART 2-216	DC	13.06.20
E	ADD D2680-047 (2N C4-7) AND D2680-7 (2N B3-8) INCLUDED DED D2680-D-1; REFORMATTED DRAWING TO CURRENT STANDARDS; DTR217 & DTR267 WAS T02677-005 (2N C4-1)	RF	11.06.21
D	CHANGE TO 8S WEARPLATES AND GASKETS,	PH	07.04.06
C	INCLUDE DED 0154/0158	CP	06.02.20
B	AS MANUFACTURED	DS	06.12.02
A	NEW ISSUE	DS	06.02.10
DESIGN	DS		
DRAWN	SAD		
CHECKED	15/2		
INSTR. APPR.	D2680		
APPROVED	15/2		
DE APPR.	15/2		
DATE	17.06.09		
DART AEROSPACE LTD HAMMERSLEY, ONTARIO, CANADA			
DRAWING NO. D2680			
SHEET 1 OF 9			
TITLE 205 SKIDTUBE ASSEMBLY			
SCALE			
NTS			

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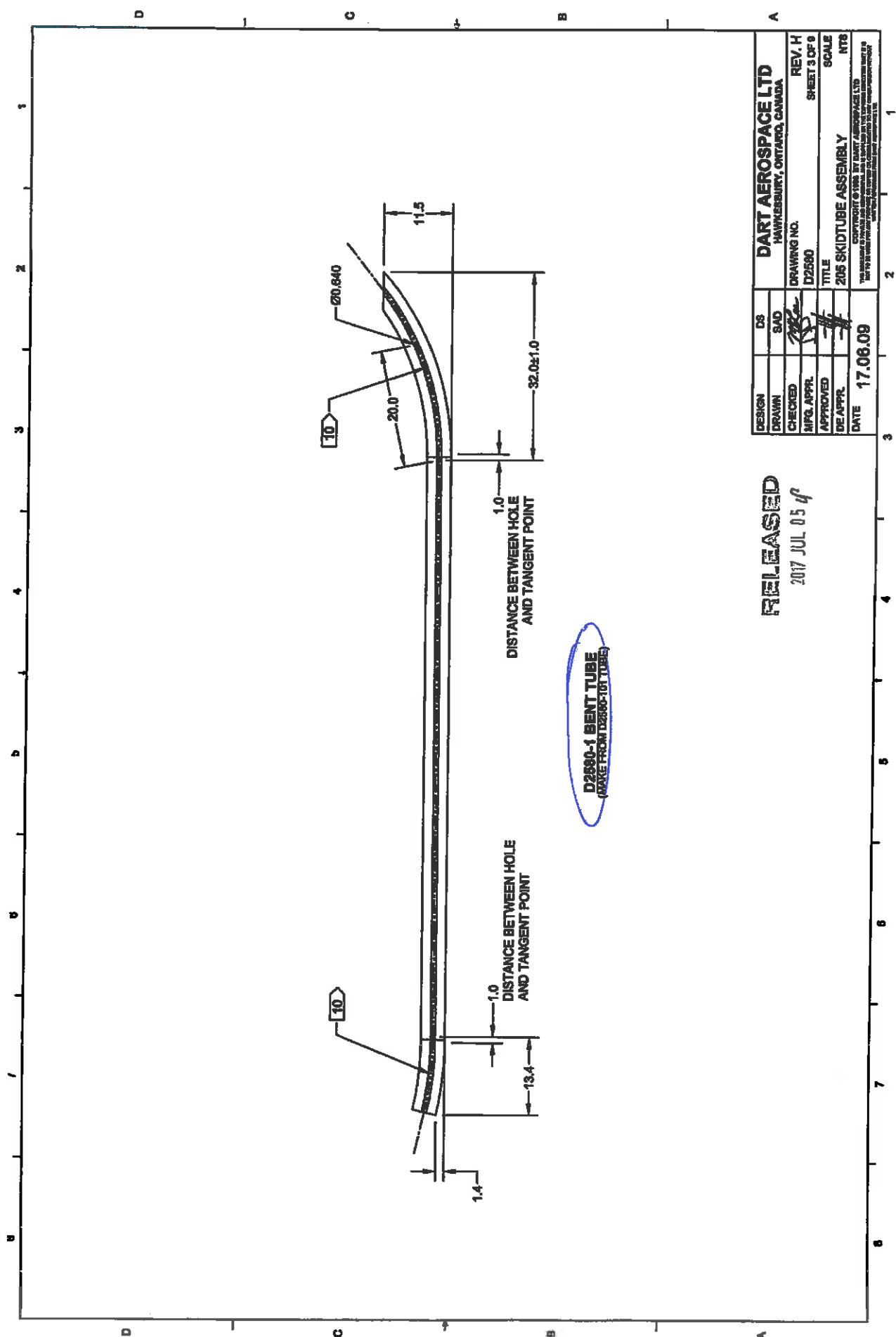
201226 M5

1904-27

RELEASED

2017 JUL 05 4

5477-547



D2880-1 BENT TUBE
(MAKE FROM D2880-101 TUBE)

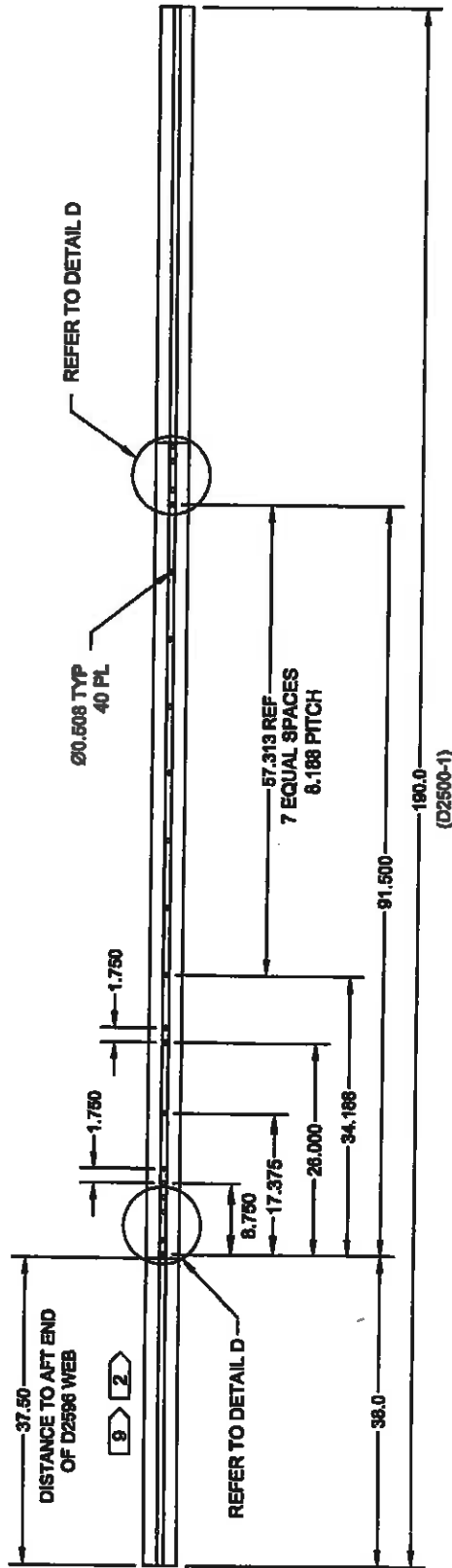
RELEASED
2017 JUL 05 40

DESIGN	DS	DART AEROSPACE LTD
DRAWN	SAD	HAWKESBURY, ONTARIO, CANADA
CHECKED	13	DRAWING NO. D2880
INFO. APPL.	13	REV. H
APPROVED	13	SHEET 3 OF 8
DE APPL.	13	TITLE 205 SKIDTUBE ASSEMBLY
DATE	17.06.09	SCALE NT8

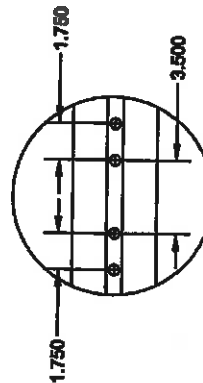
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2017 JUL 05 *af*

DESIGN	DS	DART AEROSPACE LTD HAMMERSBURY, ONTARIO, CANADA	
DRAWN	SAD	DRAWING NO.	REV. H
CHECKED	<i>[Signature]</i>	D2580	SHEET 8 OF 9
INFO. APPR.	<i>[Signature]</i>	TITLE	SCALE
APPROVED	<i>[Signature]</i>	205 SKIDTUBE ASSEMBLY	NTS
DE APPR.	<i>[Signature]</i>	COPYRIGHT © 1986 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED UNLESS INDICATED OTHERWISE UNLESS INDICATED OTHERWISE	
DATE	17.06.09		



D2580-101 TUBE



DESIGN	D6	DART AEROSPACE LTD
DRAWN	SAD	HAMILTON, ONTARIO, CANADA
CHECKED		DRAWING NO.
MFG. APPR.		D2580
APPROVED		TITLE
DATE	17.06.09	205 SKIDTUBE ASSEMBLY
		SCALE
		NTS

RELEASED
2017 JUL 05

DETAIL D
SCALE EX

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ ☐ ☐ Scrap ☐ ☐ ☐ Use-as-is ☐ ☐ ☐		DEPARTMENT/PROCESS Skid-tube ☐ ☐ ☐ ☐ ☐ Machining ☐ ☐ ☐ ☐ ☐ Large Fab ☐ ☐ ☐ ☐ ☐		Cross tube ☐ ☐ ☐ ☐ ☐ Small Fab ☐ ☐ ☐ ☐ ☐ Finishing ☐ ☐ ☐ ☐ ☐		Eng. (Non-AW) ☐ ☐ ☐ ☐ ☐ Prod. Eng. Coord. ☐ ☐ ☐ ☐ ☐ Rec/Store/Packaging ☐ ☐ ☐ ☐ ☐		Engineering ☐ ☐ ☐ ☐ ☐ Water Jet ☐ ☐ ☐ ☐ ☐ Supplier ☐ ☐ ☐ ☐ ☐ Quality ☐ ☐ ☐ ☐ ☐		MRB (QS1042) ☐ ☐ ☐ ☐ ☐	
Date: _____		Sequence #: _____		QTY Affected: _____		Disposition							
Description Work Order Deviation				Completed By									
				Lead hand / Supervisor									
				QC / QA Coordinator									

Root Cause Operator ☐ ☐ ☐ ☐ ☐ Manufacturing Process ☐ ☐ ☐ ☐ ☐ Equip/Tooling ☐ ☐ ☐ ☐ ☐ Handling/Preservation ☐ ☐ ☐ ☐ ☐ Material ☐ ☐ ☐ ☐ ☐ Product Improvement ☐ ☐ ☐ ☐ ☐ Process Improvement ☐ ☐ ☐ ☐ ☐ Human Factors ☐ ☐ ☐ ☐ ☐		FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>												Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
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